

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in this application.

**LISTING OF CLAIMS:**

1 - 53. Canceled.

54. (New) A vaccine which protects a pig against a porcine reproductive and respiratory syndrome (PRRS), comprising an effective amount of a biologically-pure virus selected from the group consisting of ISU-51 (VR 2429), ISU-55 (VR 2430), ISU-3927 (VR 2431), and ISU-1894 (VR 2475), wherein said virus is attenuated; and a physiologically-acceptable carrier, wherein said virus is prepared by serial passage in a cell line selected from the group consisting of PSP-36, PSP-36-SAH, and MA-104.

55. (New) A vaccine which protects a pig against a porcine reproductive and respiratory syndrome (PRRS), comprising an effective amount of a biologically-pure virus selected from the group consisting of ISU-51 (VR 2429), ISU-55 (VR 2430), ISU-3927 (VR 2431), and ISU-1894 (VR 2475), or a virus exhibiting the identifying characteristics of a virus in said group, wherein said virus is attenuated; and a physiologically-acceptable carrier, wherein said virus is prepared by serial passage in a cell line selected from the group consisting of PSP-36, PSP-36-SAH, and MA-104.

56. (New) A vaccine which protects a pig against a porcine reproductive and respiratory syndrome (PRRS), comprising an inactivated or attenuated virus wherein prior to inactivation or attenuation, said virus is selected from the group consisting of ISU-51 (VR 2429), ISU-55 (VR 2430), ISU-3927 (VR 2431), and ISU-1894 (VR 2475), and a physiologically-acceptable carrier, wherein said inactivated or attenuated virus is prepared by serial passage in a cell line selected from the group consisting of PSP-36, PSP-36-SAH, and MA-104.

**TABLE OF APPENDICES**

<b>APPENDIX A</b>	Exemplary support in U.S. Patent Application Serial No. 10/618,779 for Claims 54, 55, and 56 – the Three Alternatives of the Proposed Count
<b>APPENDIX B</b>	Proposed Count: First Alternative, Second Alternative, and Third Alternative
<b>APPENDIX C</b>	Chart tracking the origin of Claim 55, as found in the Proposed Count
<b>APPENDIX D</b>	Chart tracking the origin of Claim 54, as found in the Proposed Count
<b>APPENDIX E</b>	Chart tracking the origin of Claim 56, as found in the Proposed Count
<b>APPENDIX F</b>	Copy of U.S. Patent No. 6,110,468 to Collins <i>et al.</i>
<b>APPENDIX G</b>	Claim Chart Comparing Claim 55 of the Present Application with Claims 3 and 12 of the '468 Patent
<b>APPENDIX H</b>	Copy of U.S. Patent Application Serial No. 08/131,625, including original Claims 1-30
<b>APPENDIX I</b>	Exemplary Support in U.S. Patent Application 08/131,625 for Claims 54, 55, and 56 – the Three Alternatives of the Proposed Count
<b>APPENDIX J</b>	Copy of U.S. Patent Application Serial No. 10/617,779, including original Claims 1-38
<b>APPENDIX K</b>	Family Tree showing Applicants' and Collins' Respective Applications and Patents
<b>APPENDIX L</b>	Claim Element Comparison
<b>APPENDIX M</b>	August 21, 1995, Amendment in the '625 Application (canceling original Claims 1-9 and 14-30, amending Claim 10, and adding Claims 31-60)
<b>APPENDIX N</b>	May 13, 1997, Preliminary Amendment in the '531 Application (canceling original Claims 1-30 and adding Claims 31-41)
<b>APPENDIX O</b>	April 23, 1998, Amendment in the '531 Application (canceling Claim 32 and amending Claims 31 and 34)

<b>APPENDIX P</b>	Copy of <i>Boehringer Ingelheim Vetmedica Inc. v. Schering-Plough Corp.</i> , 320 F.3d 1339 (Fed. Cir. 2003)
<b>APPENDIX Q</b>	July 15, 2003, Preliminary Amendment in the '779 Application (amending Claims 1, 3, 6, and 7, canceling Claims 2, 4-5, and 8-38, and adding Claims 39-53)
<b>APPENDIX R</b>	Copy of U.S. Patent Application Serial No. 08/855,531, including original Claims 1-30
<b>APPENDIX S</b>	European Patent Office Decision dated March 22, 2005
<b>APPENDIX T</b>	Copy of U.S. Patent No. 6,773,908
<b>APPENDIX U</b>	Chart demonstrating that all of Claims 1-19 of the '468 patent correspond to the proposed Count
<b>APPENDIX V</b>	U.S. Patent No. 6,110,467
<b>APPENDIX W</b>	Copy of U.S. Patent Application Serial No. 07/860,444
<b>APPENDIX X</b>	<a href="http://www.pjbpubs.com/animal_pharm/index.htm">http://www.pjbpubs.com/animal_pharm/index.htm</a>
<b>APPENDIX Y</b>	Boehringer's Grounds for Appeal filed August 1, 2005
<b>APPENDIX Z</b>	Wyeth's Grounds for Appeal filed August 1, 2005
<b>APPENDIX AA</b>	Complaint in <i>Boehringer v. AHP</i> , Civil Action No. 0:99cv601
<b>APPENDIX BB</b>	Suvaxyn <sup>®</sup> PRRS marketing materials
<b>APPENDIX CC</b>	Copy of U.S. Patent No. 5,476,778
<b>APPENDIX DD</b>	Copy of U.S. Patent No. 5,840,563
<b>APPENDIX EE</b>	Copy of U.S. Patent No. 5,846,805
<b>APPENDIX FF</b>	Dismissal Without Prejudice of Civil Action No. 0:99cv601